

(12) EUROPEAN PATENT APPLICATION

- (88) Date of publication A3:
29.10.2003 Bulletin 2003/44

(51) Int Cl.7: A45D 34/04, A47K 3/28,
A61M 35/00, B05B 15/12
- (43) Date of publication A2:
28.05.2003 Bulletin 2003/22
- (21) Application number: 02009956.0
- (22) Date of filing: 03.05.2002

<div>(84) Designated Contracting States: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR Designated Extension States: AL LT LV MK RO SI</div> <div>(30) Priority: 21.11.2001 US 331715 P 08.01.2002 US 38586</div> <div>(71) Applicant: Hollywood Tanning System, Inc. Mt. Laurel, New Jersey 08054 (US)</div>	<div>(72) Inventor: Venuto, Ralph Blackwood, New Jersey 08012 (US)</div> <div>(74) Representative: Saam, Christophe Patents & Technology Surveys SA Terreaux 7 Case Postale 2848 2001 Neuchâtel (CH)</div>
--	--

(54) Tanning booth having automated spray

(57) A spray chamber (15) has a spray system and a ventilation system. The spray system includes a compressor and stationary spray jets (17) that are positioned 360° about a user, from head to toe. The spray system operates in a spray mode and a drying mode. In the spray mode, the composition is sprayed onto the user through the spray jets in the form of a mist (19). In the drying mode, air is blown through the jets to dry the user. The spray chamber (15) also has a shower spray. In the rinse mode, chlorinated water is emitted from the shower spray to disinfect the spray chamber (15). The ventilation system includes exhaust fans that operate in the drying mode to draw air and remnant spray mist (19) into a ventilation housing. The spray is filtered to create droplets that are siphoned by a sump pump (25) as waste to a sewer system.

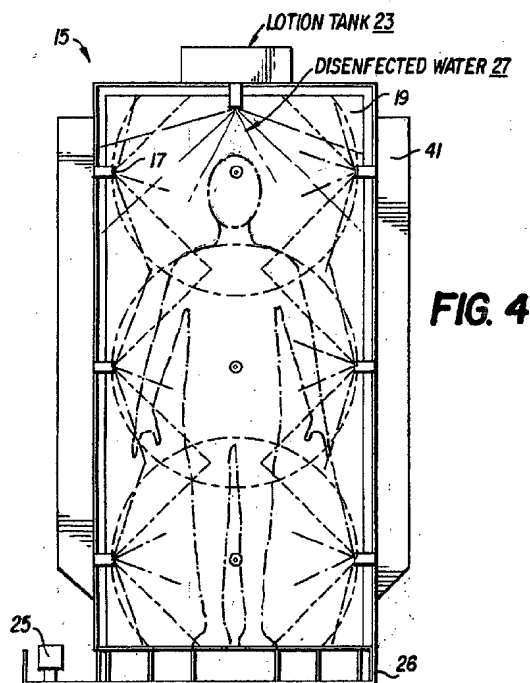


FIG. 4



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 02 00 9956

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	BE 814 319 A (SOHIE ARMAND) 16 August 1974 (1974-08-16) * page 1, paragraph 3 * * claim 1 * * figures 1,2 *	12	A45D34/04 A47K3/28 A61M35/00 B05B15/12
Y	---	1,11,20	
Y	WO 00 54892 A (COOPER TROY HOWARD) 21 September 2000 (2000-09-21) * page 15, line 10 - line 26 * * claim 26 * * figure 6 *	1,11,20	
A	---	1	
	US 1 982 509 A (PAUL FRANK) 27 November 1934 (1934-11-27) * page 2, left-hand column, line 23 - line 40 * -----		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			A45D A47K A61M
Place of search		Date of completion of the search	Examiner
THE HAGUE		10 September 2003	Zetzsche, B
CATEGORY OF CITED DOCUMENTS			
<p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p>			
<p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

EPO FORM 1503 03/82 (PC/MC01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 02 00 9956

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

10-09-2003

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
BE 814319	A	16-08-1974	BE 814319 A1	16-08-1974
WO 0054892	A	21-09-2000	AU 3514900 A	04-10-2000
			CA 2367404 A1	21-09-2000
			EP 1161306 A1	12-12-2001
			JP 2002538910 T	19-11-2002
			WO 0054892 A1	21-09-2000
			US 6387081 B1	14-05-2002
US 1982509	A	27-11-1934	NONE	